

IRAK4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP03420-1

Capture Antibody Information

Catalog Number: 88124-3-PBS	Clone ID: 260406F5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: interleukin-1 receptor-associated kinase 4
Isotype: IgG	GenBank: BC013316	Gene ID: 51135
Purification Method: Protein A purification	Immunogen Catalog Number: Ag12982	

Detection Antibody Information

Catalog Number: 88124-2-PBS	Clone ID: 260406H6	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: interleukin-1 receptor-associated kinase 4
Isotype: IgG	GenBank: BC013316	Gene ID: 51135
Purification Method: Protein A purification	Immunogen Catalog Number: Ag12982	

Applications

Tested Applications: Sandwich ELISA	Range: 1.56-100 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP03420-1 targets IRAK4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IRAK4 Recombinant monoclonal antibody, PBS Only (Capture) 88124-3-PBS (260406F5). 100 µg. Concentration 1 mg/mL.

Detection antibody: IRAK4 Recombinant monoclonal antibody, PBS Only (Detector) 88124-2-PBS (260406H6). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

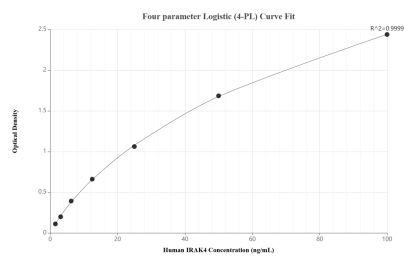
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

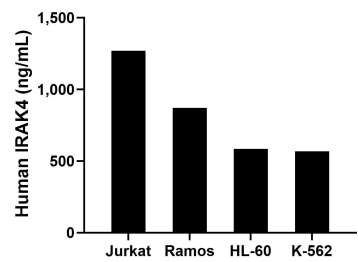
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

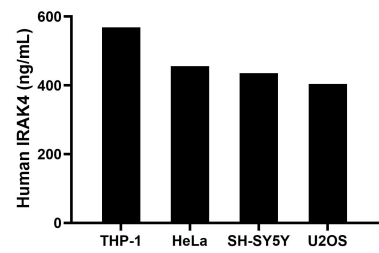
Selected Validation Data



Sandwich ELISA standard curve of MP03420-1, Human IRAK4 Recombinant Matched Antibody Pair - PBS only. 88124-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12982. 88124-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean IRAK4 concentration was determined to be 1,268.87 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load, 871.67 ng/mL in Ramos cell extract based on a 1.50 mg/mL extract load, 584.26 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 566.48 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load.



The mean IRAK4 concentration was determined to be 568.41 ng/mL in THP-1 cell extract based on a 1.20 mg/mL extract load, 456.19 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 435.79 ng/mL in SH-SY5Y cell extract based on a 1.20 mg/mL extract load and 403.69 ng/mL in U2OS cell extract based on a 1.20 mg/mL extract load.